

FIG. 1

201 ROW #	202 CIRCUIT	203 BEFORE FAILURE		204 CIRCUIT 1 FAILS		
		CIRCUIT LOADS	LOADS	CONVENTIONAL CIRCUIT LOADS	LOADS	LOAD BALANCING CIRCUIT LOADS
1	1	1.5	150a(1/2) 150b(1/2) 150c(1/2)	0	150a(0) 150b(0) 150c(0)	150a(0) 150b(0) 150c(0)
2	2	1.5	150a(1/2) 150e(1/2) 150f(1/2)	2	150a(1) 150e(1/2) 150f(1/2)	150a(1) 150e(1/2) 150f(1/2)
3	3	1.5	150d(1/2) 150e(1/2) 150f(1/2)	1.5	150d(1/2) 150e(1/2) 150f(1/2)	150d(1) 150e(1/2) 150f(1/2)
4	4	1.5	150b(1/2) 150c(1/2) 150d(1/2)	2.5	150b(1) 150c(1) 150d(1/2)	150b(1) 150c(1) 150d(0)
		CIRCUIT 2 FAILS				
				CONVENTIONAL	LOAD BALANCING	
5	1			0	150a(0) 150b(0) 150c(0)	150a(0) 150b(0) 150c(0)
6	2			0	150a(0) 150e(0) 150f(0)	150a(0) 150e(0) 150f(0)
7	3			2.5	150d(1/2) 150e(1) 150f(1)	150d(0) 150e(1) 150f(1)
8	4			2.5	150b(1) 150c(1) 150d(1/2)	150b(1) 150c(1) 150d(1)

FIG. 2A

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251 ROW #	252 UPS	253 BEFORE FAILURE	254	255 AFTER FAILURE	256	257	258
				CONVENTIONAL		LOAD BALANCING	
		UPS LOADS	LOADS	UPS LOADS	LOADS	EQUIVALENT LOAD	LOADS
1	130a	1.5	PDU 140a (1/2) PDU 140b (1/2) PDU 140c (1/2)	0	PDU 140a (0) PDU 140b (0) PDU 140c (0)	0	PDU 140a (0) PDU 140b (0) PDU 140c (0)
2	130b	1.5	PDU 140a (1/2) PDU 140b (1/2) PDU 140d (1/2)	2.5	PDU 140a (1) PDU 140b (1) PDU 140d (1/2)	2	PDU 140a (1) PDU 140b (1) PDU 140d (0)
3	130c	1.5	PDU 140c (1/2) PDU 140e (1/2) PDU 140f (1/2)	2	PDU 140c (1) PDU 140e (1/2) PDU 140f (1/2)	2	PDU 140c (1) PDU 140e (1/2) PDU 140f (1/2)
4	130d	1.5	PDU 140d (1/2) PDU 140e (1/2) PDU 140f (1/2)	1.5	PDU 140d (1/2) PDU 140e (1/2) PDU 140f (1/2)	2	PDU 140d (1) PDU 140e (1/2) PDU 140f (1/2)

FIG. 2B

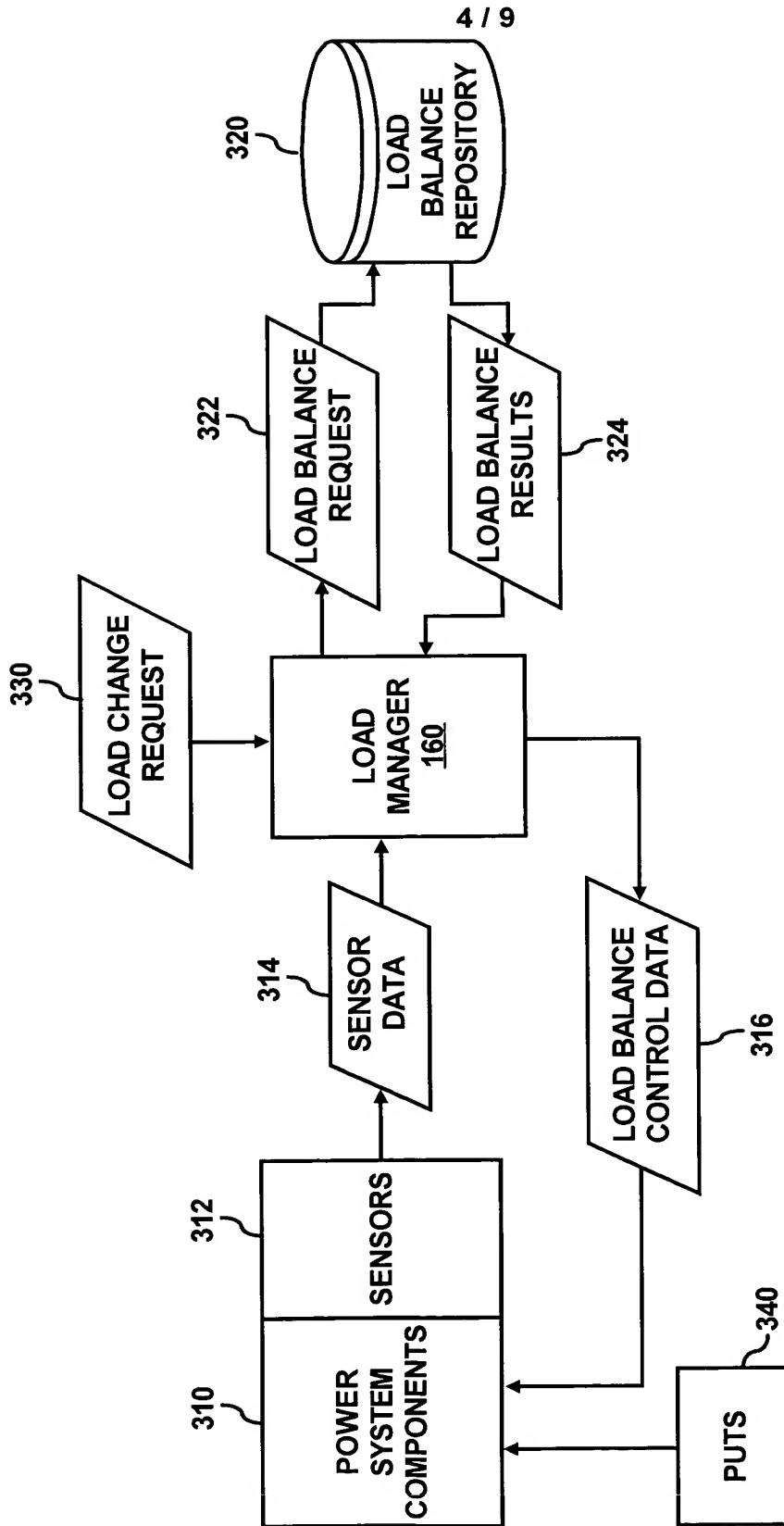


FIG. 3

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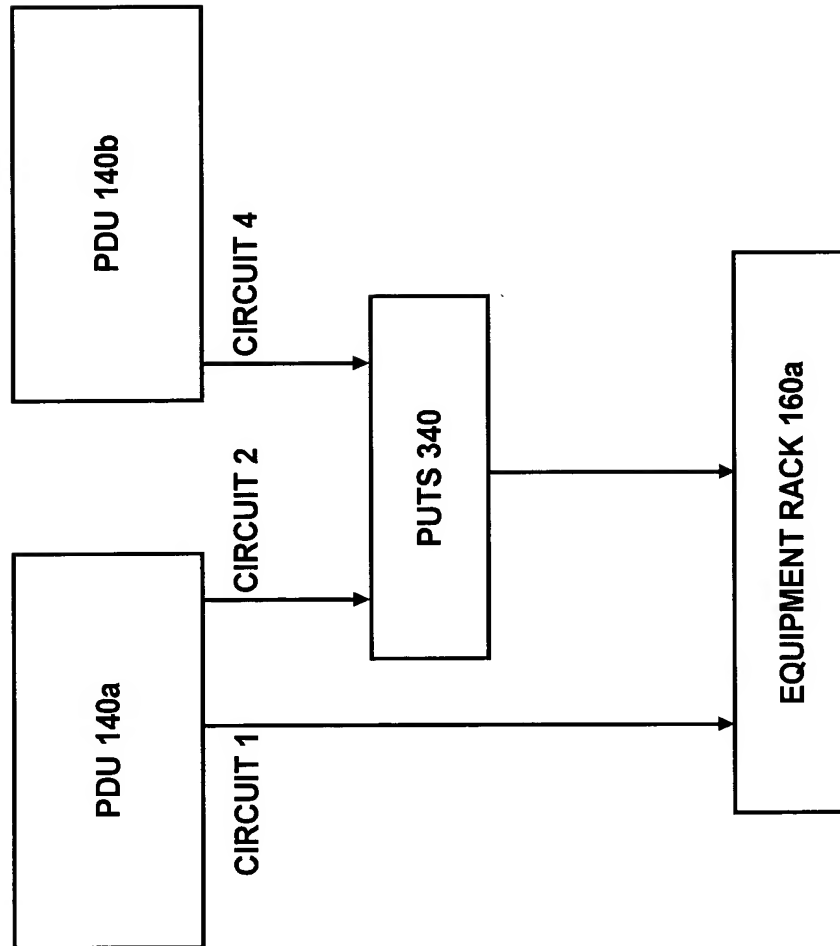


FIG. 4

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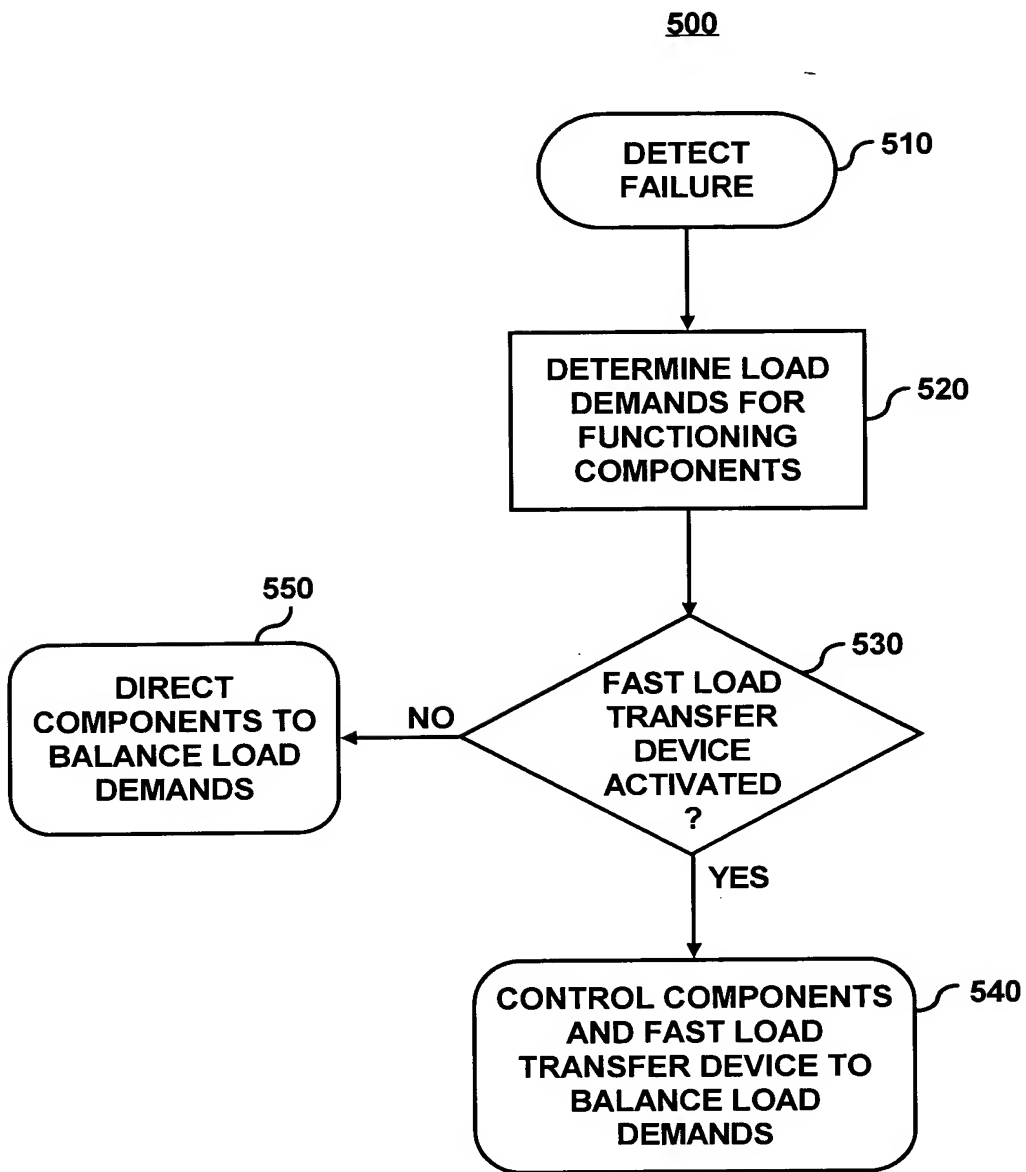


FIG. 5

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600

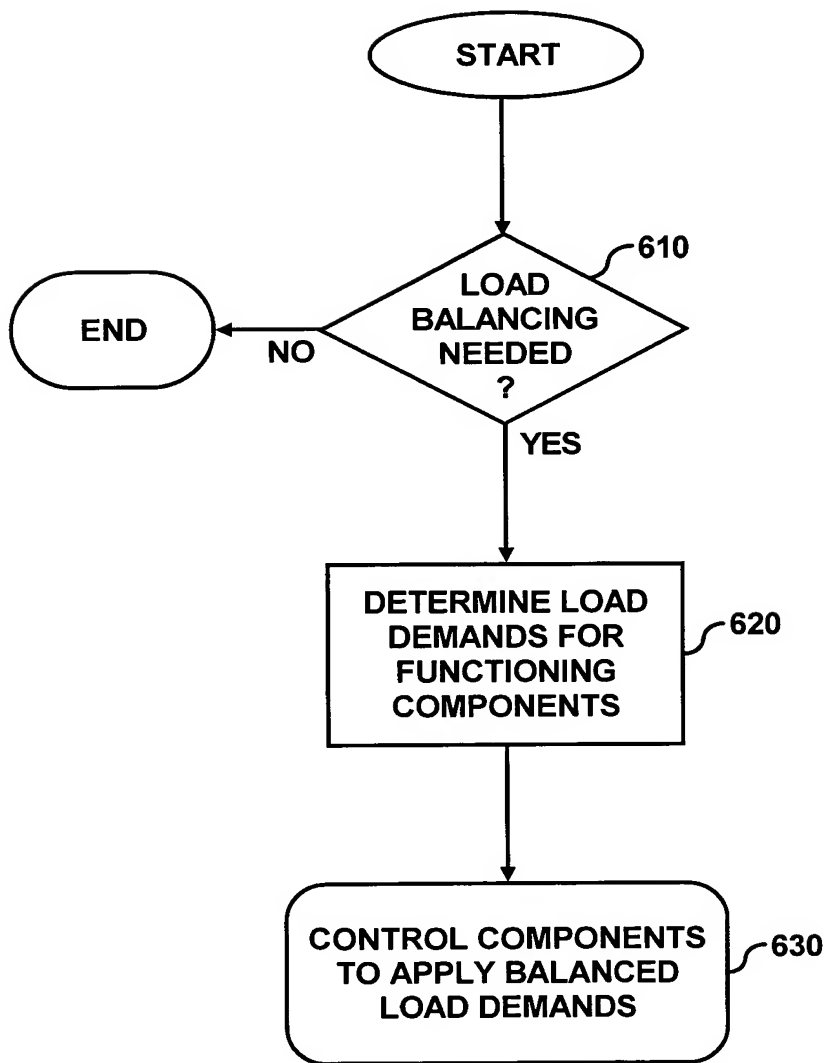
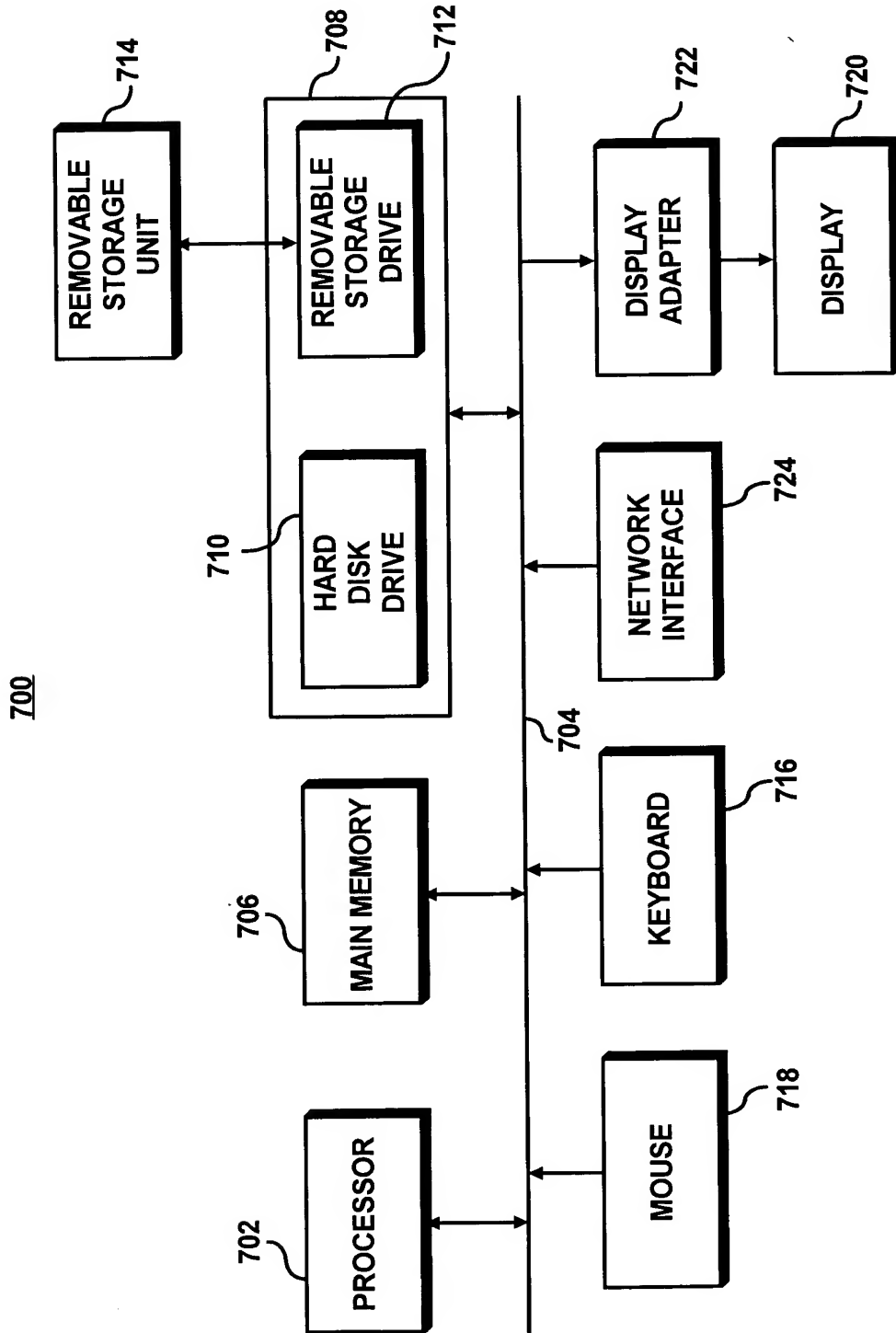


FIG. 6

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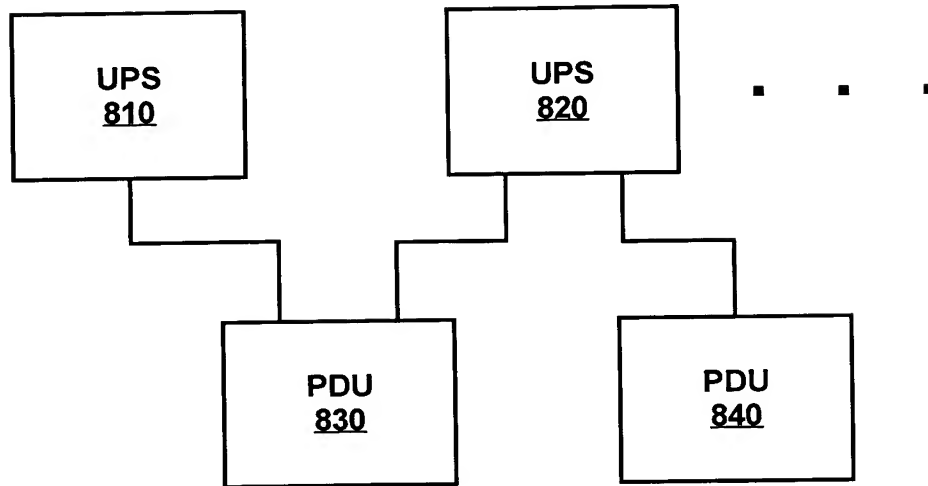


FIG. 8
(PRIOR ART)